

MCIRCC

YEAR IN REVIEW

2019

HONORS & ACHIEVEMENTS



A **\$90k** Propelling Original Data Science (PODS) grant awarded to MCIRCC researchers from the Michigan Institute for Data Science (MIDAS)



M-RISE receives more than **\$3.7 million** through the American Heart Association Strategically Focused Research Network



AHI backed by **\$11.5 million** Series A investment which will allow the team to secure FDA clearance, support clinical studies and enable AHI's commercial launch



MCIRCC website redesigned to be more user-friendly for members and potential donors



MCIRCC hosts **6 seminars** in 2019

- 2 Visiting Scholars.
- 4 "Reimagining Critical Care" series

INNOVATION & DEVELOPMENT

20

New Invention Disclosures

6

Patents Awarded



PICTURE predictive analytic, developed by the MCIRCC Data Science Team, debuts in the Michigan Medicine Physical Medicine and Rehabilitation Department. Highly successful proof of concept testing led to a clinical trial scheduled for 2020.

CATALYST CORE

CLINICAL RESEARCH

Saw up to

89%

patient enrollment

DATA SCIENCE TEAM

Captured more than

25 TB

of waveform data

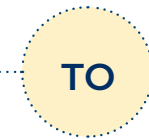
MASSEY TBI PROGRAMS

TBI GRAND CHALLENGE "WOLVERINE DEN"

MORE THAN

\$650k

AWARDED



5 WINNING TEAMS

PROPOSAL DEVELOPMENT

Submitted more than

\$59M

in full proposals

PRE-CLINICAL CRITICAL CARE LAB

Managed

8

studies

THE DON AND JOYCE MASSEY TBI SUMMIT

Featuring keynote speakers **David Menon**, MD, PhD, FRCP, FRCA, FFICM, FMedSci & **Dave Woodruff**, Co-Founder and Chairman of the Board of the Bob Woodruff Foundation

114

CONFERENCE ATTENDEES

9

KEY OPINION LEADERS

8

UNIVERSITIES REPRESENTED

MEMBERSHIP

206

MEMBERS

FROM

43 University of Michigan departments
7 schools/colleges

CATALYST TEAM: NEW FACES & ROLES

- Sardar Ansari, PhD**, Research Fellow
- Abdelrahman Awad, MD** Clinical Research Coordinator
- Erin Bisco**, Clinical Research Coordinator
- Brandon Cummings**, Machine Learning Specialist
- Nicholas Greer**, Research Technician
- Justin Jones**, Clinical Research Unit Manager
- Jon Motyka**, Data Engineer
- Kate Murphy**, Graphic Designer
- Nick Sautter**, Clinical Subjects Coordinator
- Guan Wang**, Lead Application Programmer



To help us continue saving lives, we established an **EXTERNAL ADVISORY BOARD** comprised of seven leaders from industries including

- Healthcare & Technology Consultation
- Healthcare Technology & Innovation
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